| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/047,348 | 03/25/1998 | SURESH JEYACHANDRAN | 35.C12660 | 3147 |

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| EXAMINER |
|---|
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| ART UNIT | PAPER NUMBER |
|---|---|
| 3628 | |

DATE MAILED: 03/08/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

*-- The MAILING DATE of this communication appears on the cov r sheet with the correspondenc address --*

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1)☒ Responsive to communication(s) filed on <u>08 December 2003</u>.

2a)☒ This action is **FINAL**.        2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4)☒ Claim(s) *5,7,9,15,17,19,21,23-26 and 28-32* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *5, 7, 9, 15, 17, 19, 21, 23-26, and 28-32.* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

**Application Papers**

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. §§ 119 and 120**

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

13)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

    a) ☐ The translation of the foreign language provisional application has been received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

**Attachment(s)**

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .

4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: .

## DETAILED ACTION

### Response to Amendment

1.      This correspondence is in response to the Amendment filed 12/8/03.

2.      Claims 5, 7, 9, 15, 17, 19, 21, 23, 28, and 32 have been amended as specified.

### Claim Rejections - 35 USC § 102

3.      The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless -
>
> (e) the invention was described in (1) an application for patent, published under section 122 (b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the Unites States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4.      Claims 5, 7, 9, 15, 17, 19, 21, 23, 28 and 32 are rejected under 35 U.S.C. 102(e) as

being anticipated by Huemoeller et al.. (U.S. Patent No. 5,855,006).

        Claims 5, 15 and 21:      Huemoeller discloses an information processing apparatus, a

method and a computer-readable storage medium, comprising:

        a receiver that receives an ending instruction from a user for instructing the apparatus to

terminate use of the apparatus by the user (by the alarm function, col. 6, lines 35-48);

a search unit that searches for a pending task to be performed by the user within a

predetermined timeframe when the receiver receives the ending instruction from the user, using:

"(T)he integration module IM functions as a database, which stores data in memory M for

**retrieval** on an organized basis for the calendar system CA for presentation to the user via

display D." (Col. 4, lines 55-58, emphasis added). A search unit is an information processing

feature that searches or retrieves or receives or detects information stored in a database, such

as the response to a receiving instruction from a user. The database stores a user's schedule,

and that information searched or retrieved or receives or detected permit to notifies the user of

the pending task to be performed.

Huemoeller discloses make the <u>search in a predetermined timeframe</u>:

"The personal activity scheduling apparatus AP is shown in block diagram form in FIG. 1 and

comprises a calendar system CA which interconnects with the clock C of the central processing

unit CPU to generate and maintain the calendars described below. The calendar system CA

preferably comprises a module which dynamically generates a present date calendar, which date

is indicated by the system clock C, and presents a display to the user on display D of this present

date calendar <u>in the form selected by the user</u>. In addition, at least one, and preferably a plurality

of application modules TB1-TBn (also termed time based software modules hereinbelow) are

included, each of which generates <u>data indicative of events which may be of interest to the user.</u>

<u>The events can be time-based or situational-based</u>..." (emphasis added) (Col. 4, lines 17-30).

Huemoeller described <u>search in a predetermined timeframe</u> receiver receives the ending

instruction from the user, in a Daily Calendar (Col. 5, line 23-col. 7, line 21), a Weekly Calendar

(Col. 7, lines 22-56), and a Monthly Calendar (Col. 7, line 56-col. 8, line 6).

Huemoeller also discloses a notifier that notifies the user of the pending task to be

performed within the predetermined timeframe when the pending task is found by said search

unit:

"In addition, an alarm menu AL is provided to enable the user to turn on the alarm

function by selecting ("X") "Alarm" and setting the length of time prior to this scheduled event the

<u>alarm</u> should be generated.  The user can also select the type of alarm indication, from a menu

of possible visual and audible alerts that can be produced by the user terminal device PC." (Col.

6, lines 35-41, emphasis added). Thus, Huemoeller discloses a menu of possible visual and

audible alerts or signals or messages to notify the user of the pending task to be performed.

Claims 7 and 17: Huemoeller discloses an information processing apparatus and a

method, comprising:

a receiver that receives an ending instruction from a user, for instructing the apparatus to

terminate a use of the apparatus by the user (col. 6, lines 35-48);

an inferring unit that infers a destination of a user based on a user's schedule when the

receiver receives the ending instruction from the user; using a search unit that searches for a

pending task relevant to the destination of the user when said receiver receives the ending

instruction from the user (Col. 4, lines 55-58, see discussion above in claims 5, 15 and 21); and

a notifier that notifies the user of the pending task relevant to the destination of the user

(Col. 6, lines 35-41).

Claim 9 and 19:   Huemoeller discloses an information processing apparatus and a

method, comprising:

a receiver that receives an ending instruction from a user for instructing the apparatus to

terminate a use of the apparatus by the user (col. 6, lines 35-48)

an inferring unit that infers a person with whom the user is scheduled to meet based on a user's schedule when the receiver receives the ending instruction from the user, using a search unit that searches for a pending task relevant to the person with whom the user is scheduled to meet when the receiver receives the ending instruction from the user; and (Col. 4, lines 55-58, see discussion above in claims 5, 15 and 21); and

a notifier that notifies the user of the pending task relevant to the person with whom the user is scheduled to meet (Col. 6, lines 35-41).

Claims 23, 28 and 32:  Huemoeller discloses an information processing apparatus, a method and a computer-readable storage medium, comprising:

a schedule storage, for storing a plurality of new task relevant to a schedule memory for storing a plurality of pending tasks (Col. 2, lines 16-24);

a search unit that searches the schedule memory for a pending task relevant for a previously scheduled pending new task when the entry adder adds the new task (Col. 2, lines 12-16); and

a notifier that notifies the user of the pending task relevant to the new task (Col. 2, line 61-Col. 3, line 2).


**Claim Rejections - 35 USC § 103**


5.      The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person

having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

6.      Claims 24-26 and 29-31 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Huemoeller et al.. (U.S. Patent No. 5,855,006).

Huemoeller discloses an information processing apparatus, a method and a computer-

readable storage medium, comprising a search unit that is an information processing feature that

searches or retrieves or detects information stored in a database, such as a pending task to be

performed by the user, according to Claims 23 and 28, wherein the search unit searches a

pending task to be performed subsequent to the new task, relevant to a person related (with who

do it) and to a location where the new task  is to be performed.

However, Huemoeller does not explicitly disclose that the search unit searches a pending

undertaking to be performed subsequent to the new task, relevant to a person related (with

whom to do it) and to a location where the new task is to be performed.  The Huemoeller's

database stores a user's schedule, with the events in which the user intends to participate. The

Examiner interpretation of the registration of a task in the Huemoeller's invention includes what to

do in that event, with whom to do it, and where the event will occur (Col. 6, lines 25-35, T5 and

T6 in Fig. 3 and DE and EFT in Fig. 4).   These are types of standard information contained in

any personal agenda or scheduling.   Therefore, it would have been obvious to one having

ordinary skill in the art to include these features.  One would have been motivated to have the

search unit search a pending task to be performed subsequent to the new task, relevant to a

person related (with whom to do it) and to a location where the new task is to be performed in

order to have in one file all needed information regarding the event (when --day, time--, where --

complete address--, what is needed for the perform--documents, slides, personal computer,

musical instrument, etc.--, key persons contact --title, hobbies, relatives information--).

## Response to Arguments

7.      Applicant's arguments filled on 12/8/03 have been fully considered but they are not

persuasive.

8.      Applicant argues regarding claims 5, 7, 9, 15, 17, 19, and 21 that: "... nothing in

Huemoeller is seen to disclose or to suggest that, when a user inputs an ending instruction to

terminate a use of an information processing apparatus by the user (e.g., a log-out instruction), a

search is performed for a pending task to be performed by the user, or that the user is notified of

the pending task that is searched." (Page 12, lines 12-15).

        Examiner notes that Huemoeller discloses: "...an alarm menu AL is provided to enable

the user to turn on the alarm function by selecting ("X") "Alarm" and setting the length of time

prior to this scheduled event the alarm should be generated.  The user can also select the type

of alarm indication..." (Col. 6, lines 35-44) .   Thus, Huemoeller discloses the feature in the

information processing apparatus that the user can perform to instructing or inputting an ending

instruction in the information processing apparatus and the alarm function will notifying the user

of the pending tasks in a predetermined timeframe.

        Applicant argues: "...nothing has been found in Huemoeller in which the pending task is

one that is to be performed within a predetermined timeframe (Claims 5, 15, and 21)..." (Page

12, lines 15-17).

        Examiner notes that Huemoeller discloses:"...The personal activity scheduling apparatus

AP is shown in block diagram form in FIG. 1 and comprises a calendar system CA which

interconnects with the clock C of the central processing unit CPU to generate and maintain the

calendars described below. The calendar system CA preferably comprises a module which

dynamically generates a present date calendar, which date is indicated by the system clock C,

and presents a display to the user on display D of this present date calendar in the form selected

by the user. In addition, at least one, and preferably a plurality of application modules TB1-TBn

(also termed time based software modules hereinbelow) are included, each of which generates

data indicative of events which may be of interest to the user. The events can be time-based or

situational-based..." (emphasis added) (Col. 4, lines 17-30).

Examiner also notes that Huemoeller discloses search in a predetermined timeframe

receiver receives the ending instruction from the user, in a Daily Calendar (Col. 5, line 23-col. 7,

line 21), a Weekly Calendar (Col. 7, lines 22-56), and a Monthly Calendar (Col. 7, line 56-col. 8,

line 6).

Applicant added: "...nothing has been found in Huemoeller...that is relevant to a

destination of the user that is inferred from a user's schedule (Claims 7 and 17)... (page 12, lines

17-18).

Examiner notes that Huemoeller discloses: "...generates data indicative of events which

may be of interest to the user." (Col. 4, lines 17-30).

Thus, Huemoeller anticipates all the features of independent Claims 5, 7, 9, 15, 17, 19,

and 21.

9.      Applicant argues regarding claims 23, 28, and 32 that: "... the applied art is not seen to

disclose or to suggest at least the feature of searching a schedule storage for a previously

scheduled pending task relevant to a new task when the new task is added to the schedule

storage, and to notifying a user of the pending task relevant to the new task." (Page 13, lines 16-

19).

Examiner notes that Huemoeller discloses the feature of searching a schedule storage for

a previously scheduled pending task relevant to a task, and to notifying a user of the pending

task relevant to the task, as was discussed above regarding independent Claims 5, 7, 9, 15, 17,

19, and 21. Examiner also notes that Huemoeller does not have limitations that exclude the use

of its features to the new tasks added in the scheduling. In addition Huemoeller teaches the

update of the scheduling, which must to be interpreted with all its features. Thus, Huemoeller

anticipates all the features of claims 23, 28, and 32.


## Conclusion


10.    The prior art made of record and not relied upon is considered pertinent to applicant's

disclosure.    **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time

policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS

from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the

mailing date of this final action and the advisory action is not mailed until after the end of the

THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the

date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be

calculated from the mailing date of the advisory action. In no event, however, will the statutory

period for reply expire later than SIX MONTHS from the mailing date of this final action.

11.    Any inquiry concerning this communication or earlier communications from the examiner

should be directed to Exr. Pedro R. Kanof whose telephone number is (703) 308-9552. The

examiner can normally be reached on weekdays from 7:30 a.m. to 4:00 p.m.
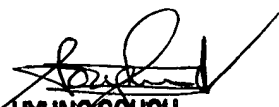
If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Mr. Hyung Sough, can be reached on (703) 308-0505.  The fax phone number for this

Group is (703) 308-3687.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the Group receptionist whose telephone number is (703) 305-3900.


PRK- 2/27/04.


HYUNG SOUGH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3600